

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
28947/35411BSerial No.
10/020,635Applicant
Ira L. ShapiraFiling Date
12/14/2001Group
Not yet assigned

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*Examiner Initials	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
JD	2,426,535	08/26/1947	Turkel	128	2	
	2,496,111	01/31/1950	Turkel	128	2	
	3,587,560	06/28/1971	Glassman	128	2	
	3,745,655	07/17/1973	Malmin	32	40 R	
	3,807,048	04/30/1974	Malmin	32	40 R	
	3,816,921	06/18/1974	Malmin	32	40 R	
	3,863,635	02/04/1975	Swatman	128	276	
	3,871,099	03/18/1975	Kahn	32	40 R	
	3,937,222	02/10/1976	Banko	128	305	
	4,176,453	12/04/1979	Abbott	433	82	
	4,266,555	05/12/1981	Jamshidi	128	753	
	4,469,109	09/04/1984	Mehl	128	753	
	4,487,209	12/11/1984	Mehl	128	754	
	4,543,966	10/01/1985	Islam et al.	128	754	
	4,564,374	01/14/1986	Hofmann	55	57	
	4,840,184	06/20/1989	Garg	128	753	
	4,922,602	05/08/1990	Mehl	29	460	
JD	5,012,818	05/07/1991	Joishy	128	754	

EXAMINER

D. Jacob Davis

DATE CONSIDERED

4/20/04

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JD	5,122,153	06/16/1992	Harrel	606	180	
	5,295,830	03/22/1994	Shen et al.	433	116	
	5,357,974	10/25/1994	Baldrige	128	754	
	5,403,276	04/04/1995	Schechter et al.	604	22	
	5,531,596	07/02/1996	Melde	433	104	
	5,913,859	06/22/1999	Shapira	606	80	
JD	6,110,176	08/29/2000	Shapira	606	80	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Shapira, U.S. Application Serial No. 09/631,018, filed August 2, 2000.

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/020,635
				Filing Date	December 14, 2001
				First Named Inventor	Dr. Ira Shapira
				Art Unit	3731
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	28947/35411B

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
of 8	A	WO 03/013336		02-20-2003	Sramek et al.	

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¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature	<i>D. Jacob Davis</i>	Date Considered	4/20/04
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				Application Number	10/020,635
				Filing Date	December 14, 2001
				First Named Inventor	Ira L. Shapira
				Art Unit	3731
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	28947/35411B

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
gjd	B1	WO 03/039311 A1		05-15-2003	Roger Sramek		

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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